

# PRODUCT SPECIFICATIONS FOR 621 PARTIAL SCRAPER



## ENGINE

Tractor Engine	Cat® C13
Flywheel Power - Tractor	304 kW
Note	Meets U.S. EPA Tier 4 Final or EU Stage V emission standards, or equivalent to U.S. EPA Tier 2, or equivalent to U.S. EPA Tier 3 and EU Stage IIIA.

## TRANSMISSION

Top Speed - Loaded	53.9 km/h
1 Forward	5 km/h
2 Forward	8.9 km/h
3 Forward	12.1 km/h
4 Forward	16.3 km/h
5 Forward	21.9 km/h
6 Forward	29.6 km/h
7 Forward	39.9 km/h
8 Forward	53.9 km/h
Reverse	9.2 km/h

## STEERING

Width - 180° Turn	11.8 m
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## STANDARDS

**Brakes** ISO 3450:2011

**ROPS/FOPS** ROPS: ISO 3471:2008 for up to 17 084 kg (37,664 lb). FOPS: ISO 3449:2005 Level II.

**Cab** Seat Belt: SAE J386:JUN1985

## SERVICE REFILL CAPACITIES - TRACTOR

**Fuel Tank** 818 l

**Crankcase** 37 l

**Transmission** 97 l

**Differential** 158 l

**Final Drive - Each** 19 l

**Cooling System** 42 l

**Hydraulic Reservoir** 83 l

**Windshield Washer** 5 l

## 621 PARTIAL SCRAPER STANDARD EQUIPMENT

### NOTE

Standard and optional equipment may vary. Consult your Cat dealer for details.

### POWERTRAIN

Cat® C13 engine with Mechanically Actuated Electronic Unit Injection (MEUI™)

Transmission: 8-speed planetary powershift, ECPC control, APECS software, programmable top gear selection, transmission hold, differential lock, guard - power train, ground speed control, machine speed limit

Cat engine brake

Electric start, 24V

Fan, hydraulic

Ground level engine shutdown

Guard, crankcase

Starting aid, ether

Braking system: primary and secondary, wet disc, hydraulic; parking, hydraulic-released, spring-applied

## **ELECTRICAL**

Alternator, 115 ampere

Batteries (4), 12V, 1,000 CCA, maintenance free, high output

Electrical system, 24V

Lighting system: LED

Starting/charging receptacle

## **OPERATOR ENVIRONMENT**

HVAC system, heat, AC, defrost

Thermostat control of HVAC system

Coat hook

Lunchbox platform with holding strap

Diagnostic connection (2)

12V power ports (2)

Differential lock

Dome courtesy light

Horn, electric

T-handle implement control

Radio ready

ROPS/FOPS cab, pressurized

Keypad switches: rear engine start; throttle lock; wipers/washers; hazard lights; worklights on, off; information mode; messenger display; safety tab rocker switches, parking brake

Seat belt, static two-piece

Windows, sliding

Windshield wipers, front and rear windows, includes washers

Windows, laminated, zipped in

Mirror, rearview

Door lock

Messenger display gauges, warnings include: coolant temp; engine oil temp; hydraulic oil temp; DPF temp; fuel level; park brake; implement lockout; brake system, regeneration required; throttle lock; system voltage; secondary steering; bail down; differential lock; apron float; transmission hold; high beam lights; action lamp; engine speed, rpm; gear selection; DPF fill levels

Safety tab rocker switches

Seat: Cat Advanced Ride Management (ARM), Cat Comfort Series III, rotates 30 degrees

Steering wheel, tilt, telescoping, padded

Windows, right side emergency egress

Messenger display

## **FLUIDS**

Extended life coolant to -37° C (-34° F)

## **OTHER EQUIPMENT**

Advanced cushion hitch

Accumulators (cushion hitch and brake) with Canadian registration number (CRN)

Tow pin, front  
Fenders, non-metallic  
Heater, engine coolant 120V

## **OTHER ATTACHMENTS**

Fast-fill fuel tank

## **621 PARTIAL SCRAPER OPTIONAL EQUIPMENT**

## **OTHER ATTACHMENTS**

Camera arrangement: Work Area Vision System (WAVS)  
Cab beacon  
Air horn  
Air horn and beacon  
Kingbolt housing  
Rear wheel arrangement (set of 2)  
Scraper draft arm package  
Steering cylinder group (set of 2)